

KULEFEYEV, G.P., inzh.

Electrification of agriculture in France. Mekh. i elek. sets.
sel'khoz. 17 no.2:52-56 '59. (MIRA 12:6)
(France--Electricity in agriculture)

KULEFFYEV, G.P.

Electrification of peninsula is in France. Last, i al'ko'v'ye sel'schek.
1/ 1957; 51st, 1958. (TR 12:11)
(For second time in construction)

KULEFEYEV, G.P.

Farm electrification in European countries. Mekh. i elek. sots.
sel'khoz. 19 no.2:58-59 '61. (MIRA 14:3)
(Europe---Electricity in agriculture)

KULEFEEV, Gennadiy Petrovich; NIKITINA, V.M., red.; DEYEVA, V.M.,
tekhn. red.

[Electrification of agriculture in England and Ireland]
Elektrifikatsiya sel'skogo khozaiastva Anglii i Irlandii.
Moskva, Sel'khozizdat, 1962. 93 p. (MIRA 15:7)
(Great Britain—Electricity in agriculture)
(Ireland—Electricity in agriculture)

KULEFYEYEV, G.P., inzh.

Rural electrification should be based on a reliable supply of electric power. Energetik 11 no.2:1-5 F '63. (MIRA 16:3)
(Rural electrification)

ALYSHOV, M.Ya.; BUDZKO, I.A.; ZLATKOVSKIY, A.P.; KRASNOV, V.S.;
KULEFEEV, G.P.; RYZHENKO, I.Ya.; SYROMYATNIKOV, I.A.;
TEVOSYAN, T.A.; EBIN, L.Ye.

A.M. Sarkisian; obituary. Elektrichestvo no.5:94 My '63.
(MIRA 16:7)
(Sarkisian, Andranik Margarovich, 1904-1963)

KULEJWSKA, Magdalena; KWIEK, Stanislaw

Adaptation of *Mycobacterium tuberculosis* H₃₇Rv to isonicotinic acid hydrazide. Gruzlica 22 no.7:457-460 July 54.

1. Z Oddzialu Bakteriologii Instytutu Gruzlicy. Kierownik: dr Maria Buraczewska. Dyrektor: prof. dr J. Misiewicz.
(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,
isoniazid, adaptation)
(NICOTINIC ACID ISOMERS, effects,
isoniazid, on *M. tuberc.*, adaptation)

JANOWIEC, Mieczyslaw; KULEJENSKA, Magdalena

Effects of cyanoacetic acid hydrazide (CAH) on experimental tuberculosis in guinea pigs. Gruzlica 24 no.1:9-14 Jan 56.

1. Z Zakladu Mikrobiologii Instytutu Gruslicy w Warszawie.
Kierownik: doc. dr. M. Buraczewska. Dyrektor: prof. dr. med.
J. Misiewicz, Warszawa, ul. Plocka 26.

(TUBERCULOSIS, exper.

eff. of cyanoacetic acid hydrazide in guinea pigs.

(ACETIC ACID, deriv.

cyanoacetic acid hydrazide eff. on exper. tuberc. in
guinea pigs.

MASSALSKI, Wandalin; KULEJOWSKA, Magdalena

Effect of ACTH in experimental tetanus. Polski tygod. lek.
12 no.7:252-254 11 Feb 57.

1. (Z Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich;
dyrektor: prof. dr. W. Hartwig i z Zakladu Mikrobiologii Instytutu
Gruzlicy; dyrektor: prof. dr. J. Misiewicz; kierownik Zakladu:
doc. dr. M. Buraczewska). Adres: Warszawa, ul. Plocka 26, Instytut
Gruzlicy.

(TETANUS, exper.
eff. of ACTH in mice (Pol))
(ACTH, eff.
on exper. tetanus in mice (Pol))

KULEJOWSKA, Magdalena

Catalase activity of tubercle bacilli resistant & susceptible to isoniazid & streptomycin, determined by the Middlebrook method & personal modification of the method. Gruzlica 25 no.8:629-635 Aug 57.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie Kierownik:
doc. M. Buraczowska Dyrektor: prof. J. Misiewicz.

(MYCOBACTERIUM TUBERCULOSIS

catalase activity of bacilli resist. & susceptible to isoniazid & streptomycin (Pol))

(CATALASE, determ.

in M. tuberc. resist. & susceptible to isoniazid & streptomycin (Pol))

KULEJOWSKA, Magdalena; PICHULOWA, Krystyna

Comparison of lyophilized Sula's medium with Loewenstein-Jensen's medium.
Gruzlica 27 no.2:161-163 Feb 59.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie Kierownik:
doc. dr M. Buraczewska Dyrektor: prof. dr J. Misiewicz. Adres:
Warszawa, Plocka 26.

(TUBERCULOSIS, PULMONARY, culture,
Loewenstein-Jensen's & Sula's media, comparison in
detection of bacilli (Pol))
(CULTURE MEDIA, MEDIUMS,

Loewenstein-Jensen & sula's media, comparison in detection
of M. tuberc. (Pol))

KULEJEDWSKA, Magdalena

Value for the diagnosis of tuberculosis of biological tests performed on white mice and guinea pigs. Gruzlica 27 no.5:387-395 '59.

l. Z Zakladu Mikrobiologii Instytutu Gruzdlicy w Warszawie. Kierownik: doc.dr M. Buraczewska, dyrektor: prof.dr J. Misiewicz[deceased]/
(TUBERCULOSIS diagnosis)

PECYNA, Janina; CISZEK, Jan; KULEJEWSKA, Magdalena; LACHOWICZ, Danuta;
ROWINSKA, Ewa

Clinical course of pulmonary tuberculosis in the established
bacillary resistance to INH. Gruzlica 28 no.6:451-461 Je '60.

l. Z Oddzialow Gruzlicy Kierowicy: doc. dr J.Madey i dr B.Kampioni
i z Zakladu Mikrobiologii Kierownik: doc. dr M.Buraczewska
Instytutu Gruzlicy Dyrektor: prof. dr J.Misiewicz [deceased]
(ISONIAZID ther)

KULEJEWSKA, Magdalena

Utilization of various carbon and nitrogen sources by acid-fast
bacilli. Gruslica 30 no.5:417-422 '62.

(MYCOBACTERIUM TUBERCULOSIS metab) (NITROGEN metab)
(CARBON metab)

KURYLOWICZ, Wladzimierz; EURACZEWSKA, Maria; KOSTRZENSKI, Wladyslaw;
KULEJEWSKA, Magdalena; MANOWSKA, Wanda; MERKEL, Mieczyslawa;
PICHULA, Krystyna, PAKLERSKA-POBRATYN, Hanna; TUSZYNSKA, Barbara.

Comparative studies on BCG substrains of various origin. Observations on the streptomycin and isonicotinic acid hydrazide-sensitive and resistant variants of the Brazilian Moreau substrain. Arch. immun. ther. exp. 12 no.2:182-195 '64

1. Department of Microbiology, Institute of Tuberculosis,
Warsaw.

CHWALIPOG, Barbara; PAKLERSKA-POBRATYN, Hanna; SZYMANSKA, Danuta; KULEJewska,
Magdalena

Possible sterilization of tuberculous pulmonary lesions with
the aid of antitubercular drugs. Gruzlica 32 no.7:473-
482 Je '64.

1. Z Oddzialu IC (Kierownik: doc. dr J. Madey); Z Oddzialu
VIII (Kierownik: doc. dr J. Nowicki); Z Zakladu Mikrobiologii
(Kierownik: doc. dr M. Buraczewska) i Z Zakladu Patologii
(Kierownik: prof. dr S. Chodkowska), Instytutu Gruzlicy

CHATYS-SKIRYNSKA, Halina; FULEJESKA, Małgorzata; PALECKA-POBRYTIN,
Hanna.

The value of bacteriological examinations in tuberculosis of the
genital organs. Gruźlica 33 no.1:21-30 Ja '65

l. Z Oddziału Położniczo-Ginekologicznego (Kierownik: dr. med.
J. Rusakowski) i z Zakładu Mikrobiologii Instytutu Gruźlicy
w Warszawie (Kierownik: doc. dr. M. Buraczewska).

KULEJEWSKI, S.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 2, Feb. 1958

KULEJEWSKI, S. Neglecting the standardization of wagons for new mines. p. 70

Monthly List of East European Accessions (EEAI) LC, Vol.8, No. 2,
February 1959, Unclass.

KULEJENSKI, Stanislaw

"Regulations on the technical operation of salt mines." Reviewed by Stanislaw Kulejewski. Przegl gorn 17 no.5;309-310 Wy '61,

KULEJEWSKI, Stanislaw, mgr inz.

Problem of so-called user standards for solid fuels and
standards for furnaces. Gosp paliw 12 no. 1: 21-22 Ja '64.

Reducing power of dextrose in Fehling solution at various alkalinites, various periods of heating and various dextrose concentrations. M. D. Khadzhiev and Kr. Kulchey. Ann. Inst. Sofia 10, 407-82 (42 in German) (1942). - The results of an investigation of reducing power of dextrose on Fehling soln. at various alkalinites (N 0.15, 1.50, 1 and 0.78), at various dextrose concns. (20, 40, 50, 60, 80 and 100 mg.) and various periods of boiling (1, 3, 5, 10 and 15, 20 min.) are given in 18 tables. The reducing power increases with increasing duration of heating; it decreases with increasing dextrose concn.

dextrose solns. The reducing power increases with increasing alkyl up to a certain limit and then decreases. Jaroslav Kucera

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KULF LIEEV, K.

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927410008-0"

KULELIEV, Krustyu
Soviet (in caps); Given Name

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Biologiya i Khimiya, No 1, 1961, pp44-46

Data: "The History of Chemical Nomenclature in Bulgaria Until the Liberation (1878)."

KULELIEV, Kr.
SURNAME (in caps); Given Names

Country: Bulgaria

Academic Degrees: Professor

Affiliation: not indicated

Source: Sofia, Biologiya i Khimiya, No 2, 1961, pp 53-55

Data: "The History of Chemical Nomenclature in Bulgaria After
the Liberation (1878)."

KULELIEV, Kr.

History of the chemical nomenclature in Bulgaria after the libera-
tion, 1878. Biol i khim 4 no.5:54-55 '61.

(Chemistry)

KULELIEV, Krustiu, prof.

Brief bibliography of the first Bulgarian literature of chemistry.
Biolog i khim no.6:49-51 '61.

KULELIEV, Kr.; KOSTOV, B.

Geochemical investigations in the Radnovo gypsiferous region.
II. Origin of lime concretion. Godishnik Min. geol inst
7 no.1:221-239 '60/'61.

KULELIEV, Kr.; KOSTOV, B.

Geochemical studies in the Radnevo gypsiferous region.
Godishnik Min geol inst 7:9-21 '60/'61 [publ. '62].

PENEV, Angel; KULELIEV, Krustiu

From the history of teaching chemistry in Bulgaria. Biol i khim
6 no.6:48-59 '63.

KULELIEV, Kr., prof.

Gypsum of the Thracian Plain. Min. delo 18 no.4:5-8 Ap'63

l. Minno-geologhki institut, Sofia.

KULELIEV, Krustiu, prof.

Vasil P. Ognianov, 1882-1955. Biol i khim 7 no. 3:46-48 '64.

KULELIEV, Krust'o, prof.

Twenty years of education in chemistry. Khim i industriia 36
no.6:201-202 '64.

KULELIEV, Krustiu Iord., prof.

Geochemical studies in the Radnevo gypsiferous region. Pt. 4.
Godishnik Min geol inst 9:335-346 '62-'63[publ. '64].

KULELIEV, Kkrustiu Iord., prof.; BRUNKIN, K.As.; CHOLAKOVA, Danka St.

Geochemical studies in the Merichleri and Kalugerovo gypsiferous regions. Godishnik Min geol inst 9:347-361 '62-'63 [publ. '64]

DITMAR, A.B., otv.red.; BOGACHEV, V.K., red.; BYTEV, O.N., red.;
IVANOV, A.N., red.; KULEMIN, A.A., red.; YAKOVLEV, K.F.,
red.; PUKHOVTSEVA, A.N., red.; KOZHEMYAKINA, V.P., tekhn.red.

[Nature and economy of Yaroslavl Province] Priroda i kho-
ziaistvo Yaroslavskoi oblasti. Yaroslavl', Yaroslavskoe
knizhnoe izd-vo. Pt.1. [Nature] Priroda. 1959. 381 p.

1. Yaroslavl'. Gosudarstvennyy pedagogicheskiy institut.
(Yaroslavl Province--Geography) (MIRA 13:3)

KULEMIN, A.A.; MAKKOVEYEVA, I.I.

Characteristics of the distribution of commercial vertebrates in
Yaroslavl Province and methods for their protection and reproduction.
Dokl. na nauch. konf. 1 no.4:58-64 '62. (MIRA 16:8)
(Yaroslavl Province--Vertebrates)

L 4403-66 EFT(d)/EEC(k)-2
ACCESSION NR: AP5024168

UR/0115/65/000/008/0025/0027
621.317.772.029.51

Q3
B

AUTHOR: Koltik, Ye. D.; Taube, B. S.; Kulemin, A. A.

TITLE: The F-200 phasometric device

SOURCE: Izmeritel'naya tekhnika, no. 8, 1965, 25-27

TOPIC TAGS: phase shift analysis, instrument calibration equipment, phase meter

ABSTRACT: Research done at the VNIM im. D. I. Mendeleyeva on precise methods of reproducing phase shifts between two variables showed that for an accuracy of $\pm (0.1-0.05^\circ)$ the frequency range of phase calibrators with cathode-ray tubes can be expanded to 200-300 kc without frequency conversion. The basic circuit of the proposed F-200 phasometric device is given and its operation is described. The device can be used not only for calibrating or checking phase meters within $0.1-0.05^\circ$, but also for testing passive and active electric networks. In the presence of a frequency converter, the input voltages can be converted to an audio frequency range. Orig. art. has: 1 figure.

ASSOCIATION: none

[08]

Card 1/2

L 4403-66

ACCESSION NR: AP5024168

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4125

Card 2/2

KULEMIN, D.

With the help of newspapers and radio. Fin.SSSR 18 no.6:65
Je '57. (MIRA 10:12)

1. Zaveduyushchiy tsentral'noy sberegatel'noy kassoy No.10,
g. Ivanov.

(Ivanovo--Advertising--Savings banks)

KULEMIN, P. D.

BLYUMENTAL', R.M.; GIRICH, A.I.; GONCHARIK, A.K.; GUSEVA, T.P.; ZHITKOVA, L.A.; IOFFE, A.M.; KULEMIN, P.D.; LEVINA, L.I.; OSHKIN, P.A.; PAPROTSKIY, T.V.; RYAKHINOV, A.N.; SAMSONOV, N.A.; TULAYKOV, V.N.; USTINOV, I.M.; FAYN, B.P.; SHIFRIN, D.L.; KOLOTOLOV, Vasiliy Ivanovich, red.; SVIATITSKAYA, K.P., vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Equipment for the petroleum industry] Neftianoe oborudovanie. Vol.5 [Petroleum valves and fittings] Nefteanaya armatura. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. 1958. 247 p. (MIRA 12:1)

(Petroleum industry--Equipment and supplies)

BIRYUKOV, N.O.; ZHURKINA, E.G.; KRUG, Ye.K.; KULEMIN, V.I.;
PCHELINTSEVA, M.D.; KHRAMOV, A.V.; SHORINA, A.A.;
SEMENOVA, A.A., red.izd-va; SHEVCHENKO, G.N., tekhn.red.

[Russian-English-German-French dictionary of terms on
automatic control] Russko-anglo-nemetsko-frantsuzskii slovar'
terminov po avtomaticheskому upravleniiu. Pod red. A.V.
Khramogo. Moskva, Izd-vo AN SSSR, 1963. 229 p.

1. Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.
(Automatic control--Dictionaries)
(Russian language--Dictionaries--Polyglot)

(MIRA 16:9)

KULEMIN, V.V.

Two cases of intestinal obstruction caused by Meckel's diverticulum.
Nov.khir.arkh. no.2:74 Mr-ap '57.
(MIRA 10:8)

1. Kafedra obshchey khirurgii Ivanovskogo meditsinskogo instituta
(INTESTINES--ABNORMITIES AND DEFORMITIES)

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KULEMINA, D.V.

Formation of a highly productive population of alfalfa
with a branched inflorescence. Vop. biol. i kraev. med,
no.4:83-87 '63. (MIRA 17:2)

KULEMINA, D.V.

Forage and seed yields of alfalfa with branched inflorescence.
Vop. biol.i kraev.med. no.3:132-134 '62. (MIRA 16:3)
(ALFALFA)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410008-0

POLYANSKIU, Yu.I.; KULEMINA, I.V.

Parasites of young cod in the Barents Sea. Vest. IgU 18
no.15:12-21'63. (MIRA 16:9)
(BARENTS SEA-PARASITES-CODFISH)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410008-0"

POLIANSKIE, G. I.; KULEMINA, I. V.

"La parasitofaune des menus poissons d'eau douce."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Lab of Zoology, Leningrad Univ.

KUL'YINA, I. V.

Occurrence of the pierceroid *Sinobothrium* (Cestoda, Phyllobothriidae)
in a young cod of the Barents Sea. Vest. IgU 19 no. 9, 20-25 '64.
(MIRA 17:7)

SYL'IN, M.Ye.; LAVROKHM, D.S.; KULEMINA, I.B.

Adsorption by NaA zeolites from alcohol-water solutions.
Koll. zhur. 26 no.4:502-505 JI-Ag '64. (MIRA 17:9)

KULEMINA, M.A.

Classification of water-borne epidemics of typhoid fever. Zhur.
mikrobiol.epid. i immun. 27 no.11:75-79 N '56. (MLRA 10:1)

1. Iz Tsentral'nogo instituta usovershenstvovaniya vrachey.
(TYPHOID FEVER, epidemiology,
classification of water-borne epidemics (Rus))

KULEMINA, N.M.

Investigating the stream-bed processes of the Markha River.
Trudy GGI no.69:70-92 '59. (MIRA 12:6)
(Markha River--Hydrology)

KULEMKIN, P.

Round pit silos made of slabs. Sel'stroy, 11 no. 7:6-7 Jl '56.
(MIRA 9:9)

1. Starshiy inzhener Yaroslavskogo oblastnogo upravleniya po
stroitel'stvu v kolkhozakh.
(Yaroslavl Province--Silos) (Reinforced concrete construction)

KULEMZIN, Gerol'd Terent'yevich; MULDAGULOV, Brimzhan Abubakirovich,
inzh.-mekhanik; ORLOVSKAYA, A., red.; NAGIBIN, P., tekhn.
red.

[Mechanized growing of potatoes and vegetables] Mekhanizi-
rovannoe vozdelyvanie kartofelia i ovoshchey. Alma-Ata,
Kazsel'khozgiz, 1963. 83 p. (MIRA 17:2)

MAGORNYY, A.I.; SCHEGLOVA, A.G.; KULEMIN, K.M.; SHIUKKERT, V.A.;
KORNIYENKOV, N.K.; TKACHENKO, D.P.

Manufacture of glazed products at a brick plant. Stroi. mat.
11 no.7:6 Jl '65. (MIRA 18:8)

1. Alma-Atinskiy nauchno-issledovatel'skiy institut stroitel'nykh
materialov (for Magornyy, Sheglova, Kulemin). 2. Karagandinskiy
kirkichnyy zavod No.3 (for Shiukkert, Korniyenkov, Tkachenko).

NAGORNYY, A.I., kand.tekhn.nauk; BRAGIN, B.A., inzh.; MARKONRENKOV, Yu.A., inzh.;
KULEMZIN, K.N., inzh.; BELOBORODOVA, S.S., inzh.

Effect of additives on the crystallization of molten metallurgical
slags and rock materials. Stek. i ker. 22 no.3:9-11 Mr '65.
(MIRA 18:10)

1. Alma-Atinskiy gosudarstvennyy nauchno-issledovatel'skiy
institut stroitel'nykh materialov.

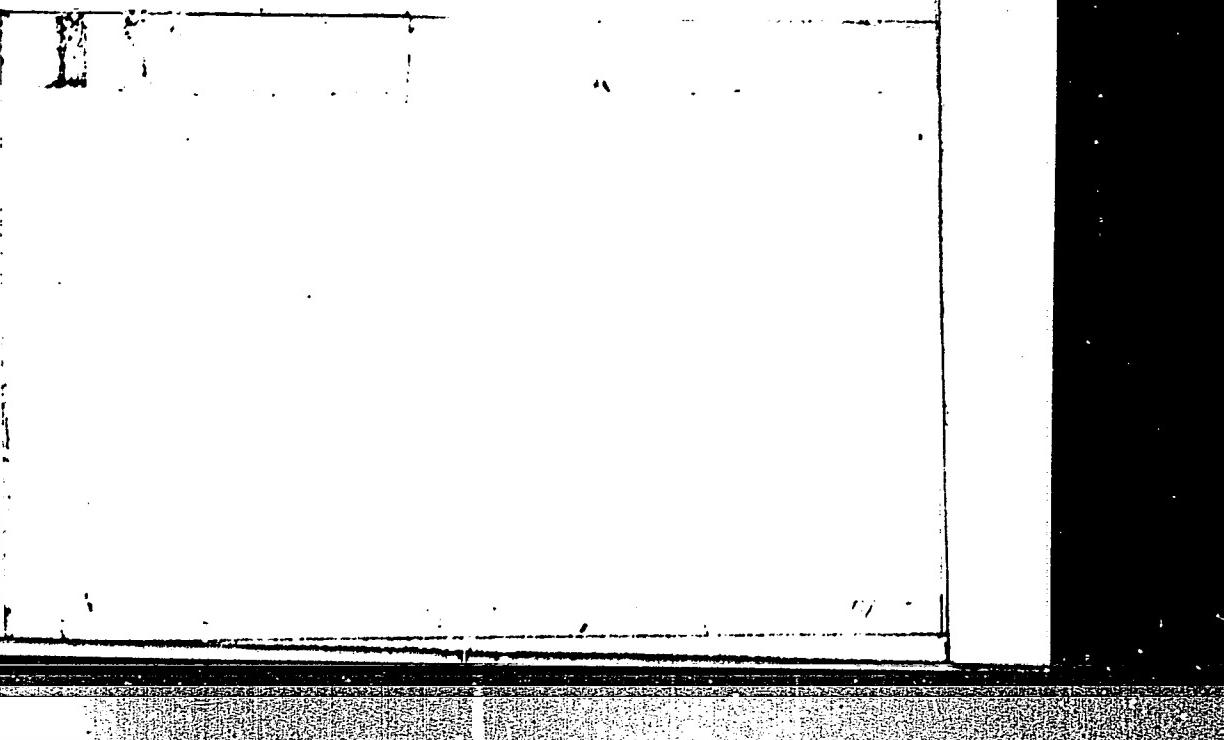
SAMOFALOV, N.I., inzh.-mekhanik; KULEMZINA, I.T., red.

[Highly efficient use of machinery on state farms in
virgin lands] Vysokoproizvoditel'noe ispol'zovanie
tekhniki v tselinnykh sovkhozakh. Moskva, Kolos, 1964.
127 p.
(MIRA 18:2)

EXCERPTA MEDICA Seč 2 Vol 12/2 Physiology Feb 59

579. LIPOPROTEIN AND PROTEIN FRACTIONS - Příspěvek k otázce vztahu lipoproteinových a bílkovinnych frakcí - Kulenda Z. and Vondráček L. Úst. Lab. KÚNZ, Ústí, n.L. - VNÍTRNÍ LÉK. 1958, 4/7 (629-631)
Illus. 1

Differences of electrophoretic mobility are described and a possible explanation is suggested.



DUB, Ota; KULENDÄ, Zdenek

Rapid determination of glycosuria not requiring flame & solutions. Cas.
lek. cesk. 97 no.34:1077-1078 22 Aug 58.

1. Interni oddeleni KUNZ v Usti n. L., prednosta Dr. O. Dub a Ustredni
laborator, prednosta Dr. Z. Kulenda.

(GLUCOSE, in urine

determ., rapid method not requiring flame & solutions
(Cz))

EE

CZECHOSLOVAKIA

KULEND, Z., MD; HORAKOVA, E.

EC

Central Laboratory of the District Hospital, Usti nad
Labem; Head: Z. Kulenda, MD - (for all)

Berlin, Zeitschrift für medizinische Labortechnik, Vol IV,
No 4, 1963, pp 173-176.

"A Simple Method for the Semi-Quantitative Determination of
Pregnanediol by Using Thin Layer Chromatography."

(2)

KULENDIK, V.; KROUPA, J.

Pneumocarthrography in injuries of semilunar cartilage. Lek.listy
5 no.24:727-731 15 Dec 50. (CML 20:5)

1. Of the Casualty Hospital of ONP in Brno (Head--Prof.Vladimir
Novak,M.D.).

KULENDIK, Vladimir MUDr; VASTHY, Vaclav MUDr

Experiences with treatment of spinal cord injuries. Reshl.chir.
34 ne.7:431-438 Aug 55.

1. Z Vyskumneho ustavu traumatologickeho v Brne: reditel prof.
MUDr Vl.Nevak

(SPINAL CORD, wounds and injuries
etiol., diag. & ther.)

(WOUNDS AND INJURIES
spinal cord, etiol., diag. & ther.)

KULENDIK, V., MUDr.; KROUPA, J., MUDr.

Acute traumatic dislocation of the hip. Acta chir. orthop. traum.
cesk. 23 no.5:259-265 Sept 56.

l. Vyzkumný ustav traumatologicky v Brně, reditel prof. Dr.
Vladimir Novák.

(HIP, disloc.

traum., acute, statist. & management (Cz))

(WOUNDS AND INJURIES, compl.

acute hip disloc., statist. & management (Cz))

KULENDIK, Vladimir

Personal experience with spinal cord injuries. Chir. nars. ruchu
22 no. 4:453-454 1957.

1. Z Instytutu Traumatologicznego w Brnie. Dyrektor: prof. dr V. Novak,
Vyzkumny ustav traumatologicicky w Brne (Czechoslowacja).
(SPINAL CORD, wds. & inj.)

caused by fract. of spine, surg., internal fixation &
early rehabil. (Pol)
(SPINE, fractures

causing spinal cord inj., surg., internal fixation &
early rehabil. (Pol))

CHYTILOVA, M.; PESA, K.; KULENDIK, V.; KULHANEK, V.; UHER, J.

Effect of different methods of preservation of homografts on healing
of fractures. Comparison of immune indices with roentgenographic
manifestations. Acta chir.orthop.traum.cech. 28 no.5:393-396 O '61.

l. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimir
Novak, Dr.Sc.

(FRACTURES exper) (BONE AND BONES transpl)

KULENIN, V.V.

Phlegmon of the stomach and the small intestine. Khirurgiia no.4:
84 Ap '55. (MLRA 8:9)

1. Kafedra obshchey khirurgii Ivanovskogo meditsinskogo instituta.
(STOMACH--INFLAMMATION) (INTESTINES--DISEASES)

VASIL'YEV, L.I.; KULENKO, E.M.; KUZNETSOVA, N.Ya.

Determination of uropepsin in patients with diseases of digestive organs. Kaz. med. zhur. no.6:44-46 N-D '60. (MIRA 13:12)

1. Klinicheskaya bol'nitsa No 6 Mosgorzdravotdela (vlavvrach - I.N. Kurgannikov).
(UROPEPSIN) (DIGESTIVE ORGANS--DISEASES)

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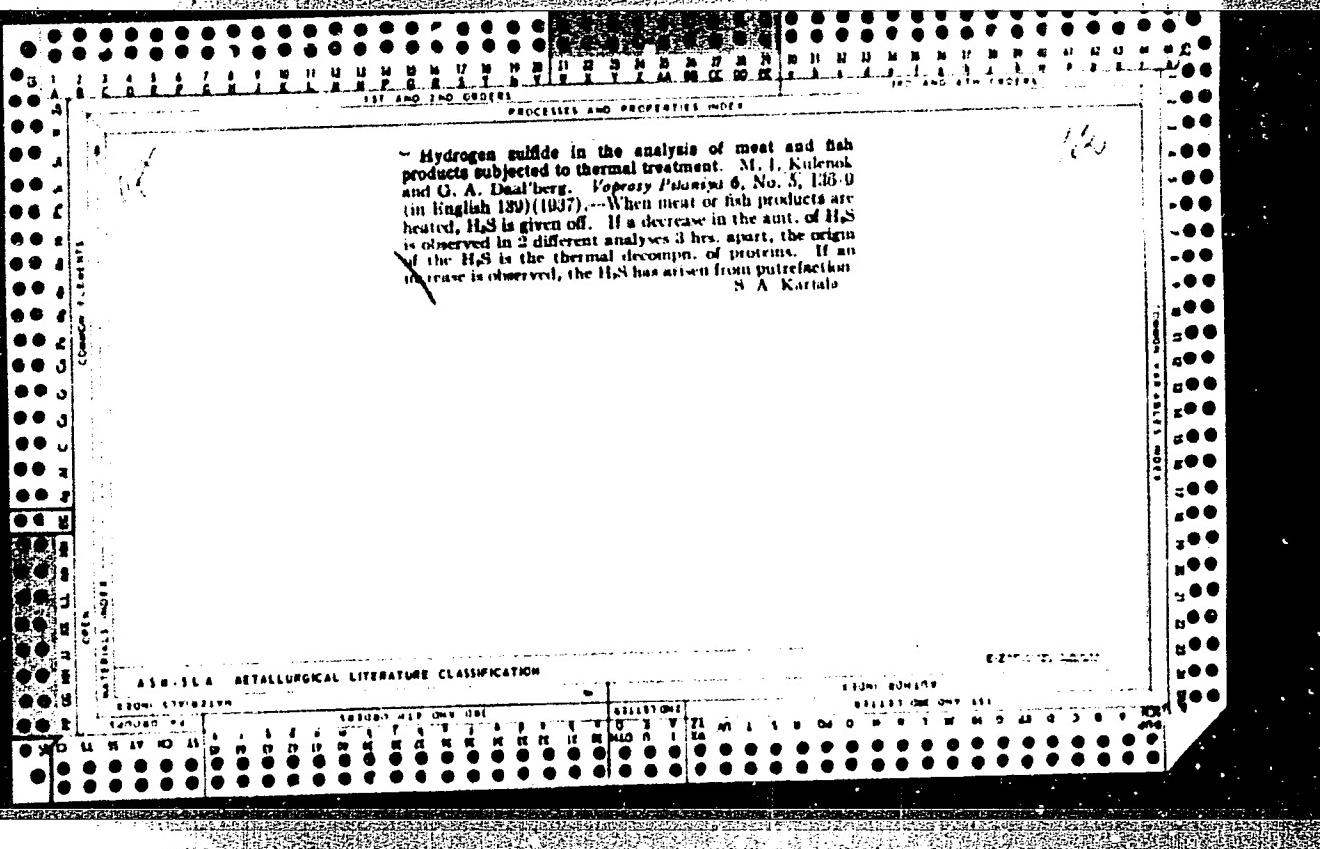
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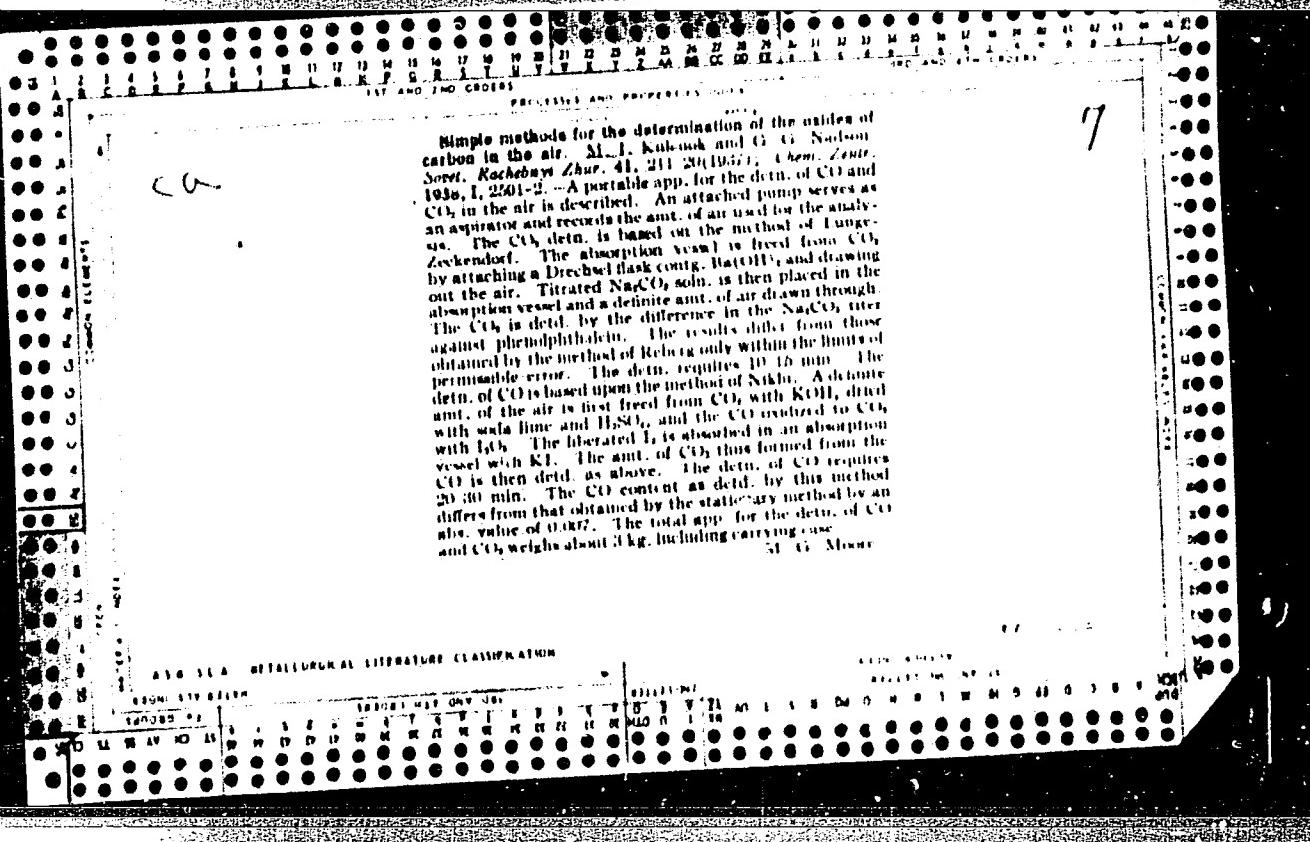
KULENKO, V.A., inzhener.

Electronic circuit-step-switching of large high-voltage rectifiers. Vest. sviazi 17 no.4:29-30 Ap '57. (MLRA 10:5)
(Electric current rectifiers)

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Ca

20

A modified method for the determination of the moisture content in plaster. M. I. Kulenok, *Lub. Prakt.* (U. S. S. R.), 16, No. 5, 10-17 (1941).—The proposed method has several advantages over the Markl method. A sample of plaster with a heavy gasoline fraction or toluene is boiled in a flask equipped with a reflux condenser and a Grauber tube. The water is evapd. with gasoline in the form of an emulsion and collected in the Grauber tube. The excess gasoline is returned constantly to the flask. Place 10-20 g. of plaster in a Dean and Stark flask, add 100-200 ml. of gasoline or toluene (b. 105-125°) and heat on an air eel. bath or on an open flame so that approx. 2-3 drops per sec. are refluxed. The analysis is completed after the level of water in the Grauber tube is stabilized. Cool the app., and measure the vol. of water in the tube. The time required for the analysis is 30-40 min. The method produced accurate results. W. R. Henn

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

卷之三

APPROVED FOR RELEASE: 08/23/2000

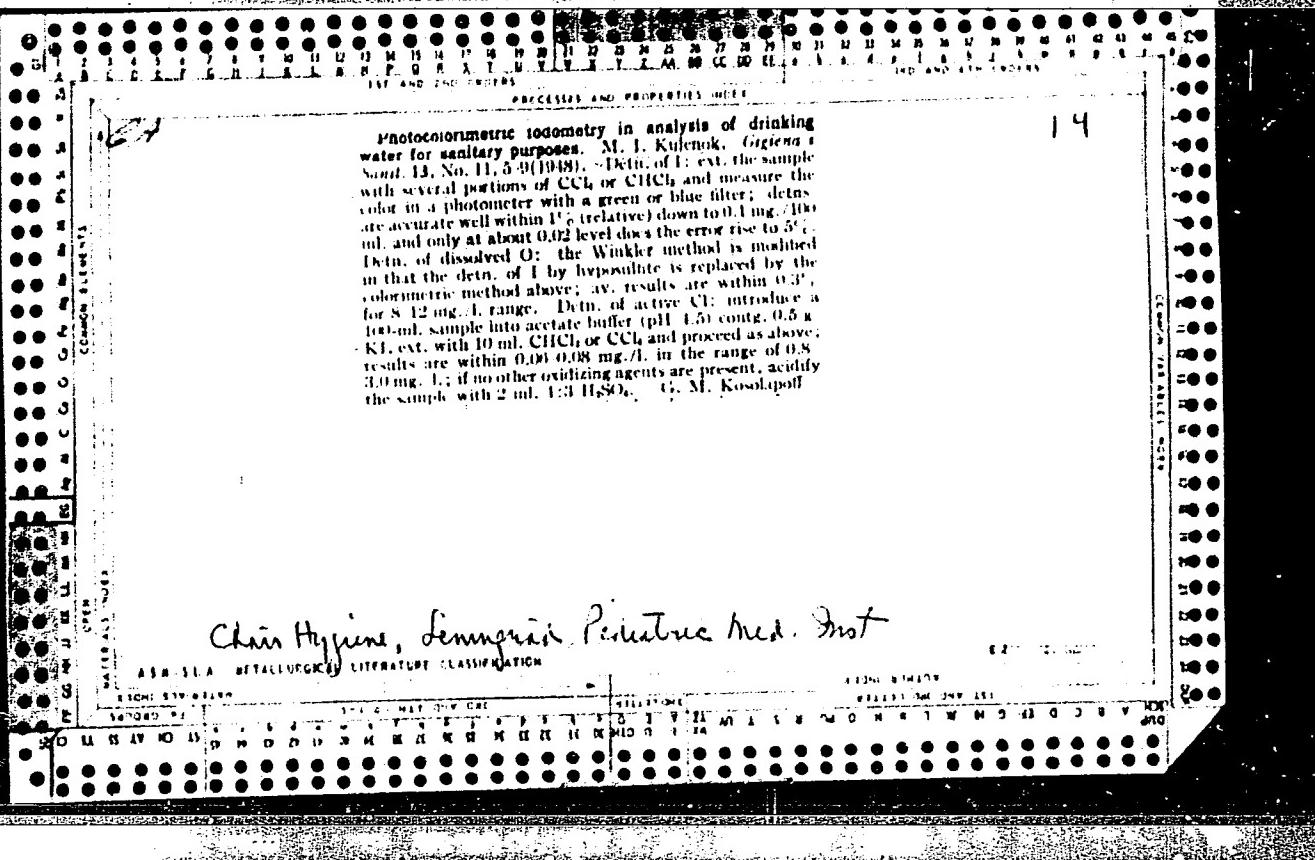
CIA-RDP86-00513R000927410008-0"

A new method for determining the calorific value of food. M. I. Kulenok (Leningrad Pediatric Inst.), Giganova *J. Nutr.* 11, No. 4, 25-8 (1946).—Methods were developed for detg. water content, dry residue, fat, and protein in food. From these values the calorific value can be calcd. The detn. of water is based on the procedure of Dean and Stark. Boil a 15-20-g. sample with 100 cc. of toluene or kerosene (b. 105° or above) in a special app. consisting of a 500-cc. flask connected with the upper portion of a buret, the buret being also connected with a reflux condenser and filled with a NaCl soln. up to the zero mark. Distil slowly at a const. rate. The water runs down the sides of the buret into the salt soln.; read the vol. as soon as it becomes const. and the liquid is cooled. The detn. requires 30 min. as against the usual 6 hrs. The toluene or kerosene condensate from the water detn. contains all the fat of the sample. Filter, wash the residue with toluene or kerosene, and save for the protein detn. Measure the filtrate and distil the solvent from an aliquot in a weighed flask. Cool the flask for 10-15 min., dry in a desiccator, and calc. the

wt. of residue as fat. The detn. requires 1 hr. instead of the usual 8 hrs. For detn. of protein, subject the fat-free dry residue to Kjeldahl distn., dil. the distillate with 10 vols. of water, and to one tenth of the total vol. in a separatory funnel, neutralized with alkali, add 1 cc. of a 2*N* alc. thymol soln. and 3 cc. of NaBrO soln. (one vol. of a 2*N* NaOH plus two vols. of bromine water), let stand for 2-3 min., and add 10 cc. of xylene with stirring. Sep. the blue or green layer of xylene soln. and use for colorimetric detn. of NH₃, using a standard 0.001 N (NH₄)₂SO₄ soln. for comparison. Calc. protein as N × 6.25. The detn. requires one hr. as against 2 hrs. by the ordinary procedure. In the presence of phenols (such as thymol), free N is not liberated according to $2\text{NH}_3 + 3\text{NaBrO} = 3\text{NaBr} + 3\text{H}_2\text{O} + \text{N}_2$, but a dye is formed which is sol. in xylene or ether. Calc. ash as the total weight of the sample multiplied by 0.012. Calc. carbohydrates as the difference between wt. of the dry substance and the sum of protein, fat, and ash.

C. S. Shapiro

APPENDIX I
AER-SEA METALLURGICAL LITERATURE CLASSIFICATION



7

Photocolorimetric method of determination of sugars
in solutions. M. I. Kulenok (Leningrad Pediat. Medi-
Inst.). Gigiena i Sanit. 1949, No. 1, 31-6. Treat the
sample with Fehling soln., and dissolve the ppt. in am-
moniacal NH₄Cl soln. Measure the color in a photo-
colorimeter with a yellow light filter. The best results are ob-
tained when about 0.1 mg. of Cu₂O is obtained from 1 ml.
of soln. with 10 cm. depth of soln. Results are within
0.6% of the truth. G. M. Kowolapoff

17

Photochemical iodometry and its use in some analyses of natural waters. M. I. Kulenok (Leningrad Pediatric Med. Inst.). Zhur. Anal. Khim. 4, 248-54 (1949).—Analytical methods based on liberation of I from KI and titration of free I are greatly simplified by substituting photochemical detn. of I for volumetric. The I in this case is extd. with an org. solvent such as CCl₄ or CHCl₃, and the colorimetric detn. is made on the ext. Since the distribution of I between the aq. and org. phases is 1:80, 2-3 extns. will transfer practically all of the I into the org. extractant. Photochemical detns. made on CCl₄ solns. of I having concns. of 1.0×10^{-4} - 7.5×10^{-4} N gave errors of 1.13×10^{-4} - 8.30×10^{-4} g. equiv. of I. Procedures for detg. dissolved O, active Cl, and sulfates by this method are outlined. M. Hesch

KULEN M. I.

IA 151T44

USSR/Medicine - Food Analysis
Albumins

Nov 49

"New Colorimetric Method for Determining the Albumin Content of Food," M. I. Kulen, Chair of Hygiene, Leningrad Pediatric Med Inst, 3 3/4 pp

"Gig i San" No 11

This method ("Gig i San" No 5, 1946) uses usual colorimetric reaction but employs ammonium sulfate formed in mineralizing albumin by Kjeldahl's method. It can determine 0.0001 mg of ammonium in a 5-mg solution. Reaction is affected by small amounts of acid, but not by anions (except S") or by such

151T44

USSR/Medicine - Food Analysis (Contd) Nov 49

cations as: K, Na, Li, Mg, Ba, Ca, Sr, Al, Cr, Fe., Fe..., Co, Ni, Mn, Zn, Ag, Pb, Hg., Bi, Cu, Cd, Sb, Sn, Au, Pt. The color is soluble in benzene, ether, etc. Substituting thymol for phenol (usual method) facilitates rapid passage of color from aqueous solutions to organic solvents-dye colors changing to fast red tints. This new method permits colorimetric study of dye extracts in organic solvents, inhibiting effect of alkaline ingredients and concentrating color from large volumes of aqueous solutions in small volumes of organic solvents.

151T44

CA

14

Photocolorimetric methods for determination of ammonia
in drinking and waste water. M. I. Kulenok (Leningrad
Pediat. Inst.). *Gigiena i Sanit.* 1950, No. 10, 45-9.—The
photocolorimetry of NH₃, with Neesler's reagent in natural
waters gives precision only with very thick layers of the
solns. (12-15 cm.). Berthelot's method, using phenol-hy-
POCHLORITE procedure, gives good results with a 6-cm. layer.
Substitution of thymol for PhOH and hypobromite for hy-
POCHLORITE permits examn. of colored solns., although the ac-
curacy suffers seriously.
G. M. Kosolapoff

KOTENOK, A. I.

1913. Conductimetric titration with a photoelectric colorimeter. M. I. Kulichok (Leningrad Pediatric Medicinal Inst.). Zavod. Lab., 1955, 21 (9), 1027-1029.—In the solution to be titrated are immersed within a shield two platinum disc electrodes, the distance between which can be varied in a vertical direction. The electrodes are connected in series with the lamp of a photocalorimeter and during a titration act as a rheostat. The photocurrent read on the galvanometer is proportional to the third power of the change of the voltage of the current to the lamp. The principle of conductimetric titration based on this scheme is applicable to many types of reaction.

G. S. SMITH

KULENOK, M.I.

Using the photocolorimetric method for determining the stability
of natural waters with regard to changes of the oxidation-reduction
potential. Gidrokhim. mat. 26:246-248 '57. (MIRA 10:8)

l. Leningradskiy gosudarstvennyy pediatricheskiy meditsinskiy
institut.

(Photocolorimetry) (Water--Analysis)
(Oxidation-reduction reaction)

Kuznetsov, 2224

207/28/90
Sov/S-5(C1)

Akademy Nauk SSSR. Institut Polimernye Materialy Akademii Nauk SSSR. Izdatelstvo Akademii Nauk SSSR. 1972.

Akademy Nauk SSSR. Institut Polimernye Materialy Akademii Nauk SSSR. Izdatelstvo Akademii Nauk SSSR. 1972.

Burg, R. I. P. Alkyltin Corresponding Salts. In: Handbook of Chemistry and Physics, 51st Ed., 1970-1971, p. 121.

Comments: The publication is intended for chemists, particularly working in organic chemistry and inorganic chemistry.

Comments: This collection of articles is intended for workers in the field of the Chemistry of Colored Compounds. It contains a number of theoretical and practical contributions to the study of the properties of colored compounds. The general subjects of the volume include: Preparation and synthesis of colored compounds; their physical and chemical properties; absorption spectra; light scattering; optical properties; electronic spectra; absorption spectra; absorption analysis; the accuracy of the methods used; the use of colored compounds in analytical analysis; the basic methods of the kinetics of colored compounds; photochromic properties of colored compounds; polymer color methods; determination methods of colored compounds; methods of determining colorants in organic dyes, in organic pigments, in coal-tar dyes, in textile fibers, in leather, in cosmetics, in foodstuffs, in pharmaceuticals, in oil and gas products, and a description of an industrial photochromic dye manufacturer. No permanentamy any illustrations are given at the end of each article.

Table of Contents:

Bukharin, E. B. Radio Tracer of the Plastic Isotopes 1	23
Soboleva, A. I. Zinc and Zincate Polyphosphates in Colorimetric Analysis	23
Soboleva, E. V. and E. E. Kostina. Spectrophotometric Description of Interpolymeroids of Copper	100
Soboleva, E. V. Determination of Aluminate Substances by the Method of the Nitrogen Detection from Aluminates	119
Soboleva, V. M. and L. M. Serezhina. Spectrophotometric Method of Determining Cobalt and Iron in the Zinc Oxide 2, 1, 4 - Electrolyzed Salt Baths	125
Soboleva, V. M. and V. M. Borodina. Investigation the Properties of Complex Compounds of Cobalt Zinc Nitro and Zincate Compounds	125
Soboleva, Yu. G. A New Colorimetric Method of Determining Small Concentrations of Barium	135
Soboleva, Yu. G. The Selection of Reagents for the Colorimetric Determination of Sodium and Calcium	141
Soboleva, Yu. G., Ye. N. Prokof'yev (Demand), I. V. Pashchenko, and V. F. Solntsev. Study of the Absorption Spectrum of the Compounds of Cobalt with Phenols	152
Soboleva, V. M. Colorimetric Determination of Cobalt by the Berthelot's Method	152
Soboleva, Yu. M. and Ye. A. Elizarich. The Use of Tin(II) in the Photochromic Determination of Chlorine in Ozone	159
Soboleva, Yu. M. Photochromic Determination of Chlorine	170
Soboleva, Yu. M. Investigating Reactions Between Copper Ions and Salicylanilines	175
Soboleva, Yu. M. Determining Zinc With Phenolphthalein	189
Soboleva, Yu. M. Colorimetric Method of Analysis Materials Containing a Large Number of Components	204
Soboleva, Yu. M. Spectrophotometric Titrimetry	210

AUTHOR: Kulenok, M. I. SOV/156-58-4-20/49

TITLE: Compensation Variant of Photocolorimetric pH Determination
(Kompensatsionnyy variant fotokolorimetricheskogo opredeleniya
pH)

PERIODICAL: Nauchnyye doklady vyschey shkoly. Khimiya i khimicheskaya
tekhnologiya, 1958, Nr 4, pp 693-695 (USSR)

ABSTRACT: A new variant of the colorimetric pH determination of a solution was described. The method was applied to the determination of the pH-value within the range of from 8.0 to 10.0, using a carbonate-borate buffer solution. The determination of the pH-value is carried out by means of the colorimetric photometer (FEK-M). Other buffer systems and indicators were used for other ranges of the pH determination. The compensation variant for the photometric determination of the pH-value is specially suited for series determinations. A parallel determination of the pH-value with some solutions was carried out according to the electrometric and the new photometric compensation method. From the results obtained it may be concluded that the scattering of the values is not > 0.01 pH units. The new compensation method is said to be highly sensitive and reliable.

Card 1/2

SOV/156-58-4-20/49

Compensation Variant of Photocolorimetric pH Determination

There are 2 tables and 9 references, 6 of which are Soviet.

ASSOCIATION: Kafedra obshchey khimii Leningradskogo pediatricheskogo meditsinskogo instituta (Chair of General Chemistry at the Leningrad Institute of Pediatric Medicine)

SUBMITTED: April 28, 1958

Card 2/2

KULENOK, M.I.

Iodometric methods ending in spectrophotometry. Trudy kom. anal.
khim. 8:210-216 '58. (MIRA 11:8)

1. Leningradskiy pediatricheskiy meditsinskiy institut.
(Iodometry) (Spectrophotometry)

5(2)

SOV/156-59-2-21/48

AUTHOR:

Kulenok, M. I.

TITLE:

A Carbonate Method for the Determination of Small Quantities
of Carbon Dioxide in Air and Gas Mixtures(Karbonatnyy metod
opredeleniya nebol'sikh kolichestv dvukisi ugleroda v voz-
dukhe i gazovykh smesiyakh)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya
tekhnologiya, 1959, Nr 2, pp 302-304 (USSR)

ABSTRACT:

The method is based upon the transformation of sodium carbo-
nate into sodium bicarbonate in aqueous solution by carbon
dioxide and the change of the pH-number occurring in this
connection which may be determined electronically or spectro-
photometrically or photocalorimetrically by means of an indi-
cator. The ranges of the pH-number due to hydrolysis of
carbonate or bicarbonate are between 11.39 (in the case of
 Na_2CO_3) and 8.2 (in the case of NaHCO_3). Cresol phthalein
(pH 8.2 - 9.8) and phenol phthalein (pH 8.2 - 11.0) are
recommended as the best indicators serving this purpose. As
the ranges of the indicators do not reach the upper limit
of the possible pH-number (11.39) the gas sample is shaken

Card 1/2

A Carbonate Method for the Determination of Small Quantities of Carbon
Dioxide in Air and Gas Mixtures SOV/156-59-2-21/48

thoroughly not with pure sodium carbonate but with a mixture 1 : 1 of sodium carbonate- and sodiumbicarbonate solution. The calibration curve for the dependence of the optical density of the indicator color upon the Na_2CO_3 concentration is shown by a figure for both indicators. Table 1 shows the spectral characteristics of both indicators, table 2 the results of analyses as compared to those of the conductometric method of the LIOT (Leningradskiy institut okhrany truda - Leningrad Institute for Worker Protection). There are 1 figure, 2 tables, and 3 Soviet references.

PRESENTED BY: Kafedra obshchey khimii Leningradskogo pediatricheskogo meditsinskogo instituta
(Chair of General Chemistry, Leningrad Institute of Pediatric Medicine)

SUBMITTED: October 30, 1958

Card 2/2

KULENOK, M.I.

Spectrophotometric study of thymol-hypobromite reaction for ammonia.
Izv.vys.ucheb.zav.;khim.i khim.tekh. 4 no.4:558-560 '61.

(MIRA 15:1)

1. Leningradskiy pediatricheskiy meditsinskiy institut, kafedra
obshchey i neorganicheskoy khimii.
(Ammonia) (Spectrophotometry)

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APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410008-0"

KULEMOV, K.K., inzh.; ZORIN, M.I., inzh.-meliorator; DASHKOVSKAYA, L.T., rybovod; GUDYM, L.M.; KONOVALOV, D.N., rybovod; KOTIKOV, A.P., inzh.; ROZHKOV, N., red.; PRIKHOD'KO, S., red.; OLEYNIKOV, A., red.; ZLOBIN, M., tekhn. red.

[Fishery resources of Kazakhstan; a manual for fishermen] Rybnye bogatstva Kazakhstana; spravochnik rybaka. Alma-Ata, Kazgosizdat, 1963. 262 p. (MIRA 17:2)

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cold, in diag. of pulm. tuberc., results(Ser))
(TUBERCULOSIS, PULMONARY, diag.
cold agglut.test, results (Ser))

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KISS, Istvan; KULES, Inna

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